

FORM PTO-1449

LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S
INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

ATT. DOC. NO.
245SERIAL NO.
09/490,702APPLICANT:
Mandell, Arnold et al.FILING DATE:
January 21, 2000GROUP:
164309/16/2000
U.S. PTO
01/23/01

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
AA						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
AB						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

AC	Mandell, A.J. (1984) Non-equilibrium behavior of some brain enzyme and receptor systems. <i>Ann. Rev. Pharm. Toxicol.</i> 24:237-274.
AD	Mandell, A.J., Russo, P.V. and Blomgren, B.W. (1987) Complex hydrophobic sequence transformation predicts mutual recognition by polypeptides and proteins. <i>Ann. N.Y. Acad. Sci.</i> 504:88-118.
AE	Mandell, A.J., Selz, K.A. and Shlesinger, M.F. (1997) Mode matches and their locations in the hydrophobic free energy sequences of peptide ligands and their receptor eigenfunctions. <i>Proc. Natl. Acad. Sci.</i> 94:13576-13581.
AF	Mandell, A.J., Selz, K.A. and Shlesinger, M.F. (1997) Wavelet transformation of protein hydrophobicity sequences suggests their memberships in structural families. <i>Physica A</i> 224:254-262.
AG	Mandell, A.J., Selz, K.A. and Shlesinger, M.F. (1997) Hydrophobic free energy eigenfunctions help define continuous wavelet transformations of amino acid sequences of protein families. <i>Proc. Intl. (Fermi) Sch. Phys. CXXXIV</i> , 175-192.
AH	Di Marzio, E.A. and Mandell, A.J. (1997) Phase transition behavior of a linear macromolecule threading a membrane. <i>J. Chem. Physics</i> 107:5510-5514.
AI	Mandell, A.J., Owens, M.J., Selz, K.A., Morgan, W.N., Shlesinger, M.F. and Nemeroff, C.G. (1998) Mode matches in hydrophobic free energy eigenfunctions predict protein-protein interactions. <i>Biopolymers</i> 46:89-101.
AJ	Selz, K.A., Mandell, A.J., and Shlesinger, M.F. (1998) Hydrophobic free energy eigenfunctions of pore, channel and transporter proteins contain β -burst patterns. <i>Biophysical J.</i> 75:2332-2342.
AK	Mandell, A.J., Selz, K.A. and Shlesinger, M.F. (1998) Transformational homologies in amino acid sequences suggest membership in protein families. <i>J. Stat. Phys.</i> 93:673-697.
AL	Mandell, A.J., Selz, K.A. and Shlesinger, M.F. (1999) Linear and entropic transformations of the hydrophobic free energy sequence help characterize a novel brain polyprotein: CART. In (M.T. Batchelor and L. Wille, eds.), <i>Statistical Physics on the Edge of the Twenty-First Century</i> , World Scientific, NJ, pp. 131-152.
AM	Manavalan, P. and Ponnuswamy, P.K. (1978) Hydrophobic character of amino acid residues in globular proteins. <i>Nature</i> 275:673-674.
AN	White, Stephen H. (1994) Global Statistics of Protein Sequences: Implications for the Origin, Evolution, and Prediction of Structure. <i>Annu. Rev. Biophys. Biomol. Struct.</i> 23:407-439.
AO	Doyle, P.M. (1995) Combinatorial Chemistry in the Discovery and Development of Drugs. <i>J. Chem. Tech. Biotechnol.</i> 64:317-324.
AP	Gordon, E.M., Barrett, R.W., Dower, W.J., Fodor, S.P.A. and Gallop, M.A. (1994) Applications of Combinatorial Technologies to Drug Discovery. 2. Combinatorial Organic Synthesis, Library Screening Strategies, and Future Directions. <i>J. Med. Chem.</i> 37(10):1385-1401.
AQ	Houghton, R.A. (1993) The Broad Utility of Soluble Peptide Libraries. <i>J. Med. Chem.</i> 36:1001-1011.

not considered, 105 does not designate invention applications

DATE CONSIDERED

JMS. Bruner 2/23/2004

EXAMINER: Initial reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant